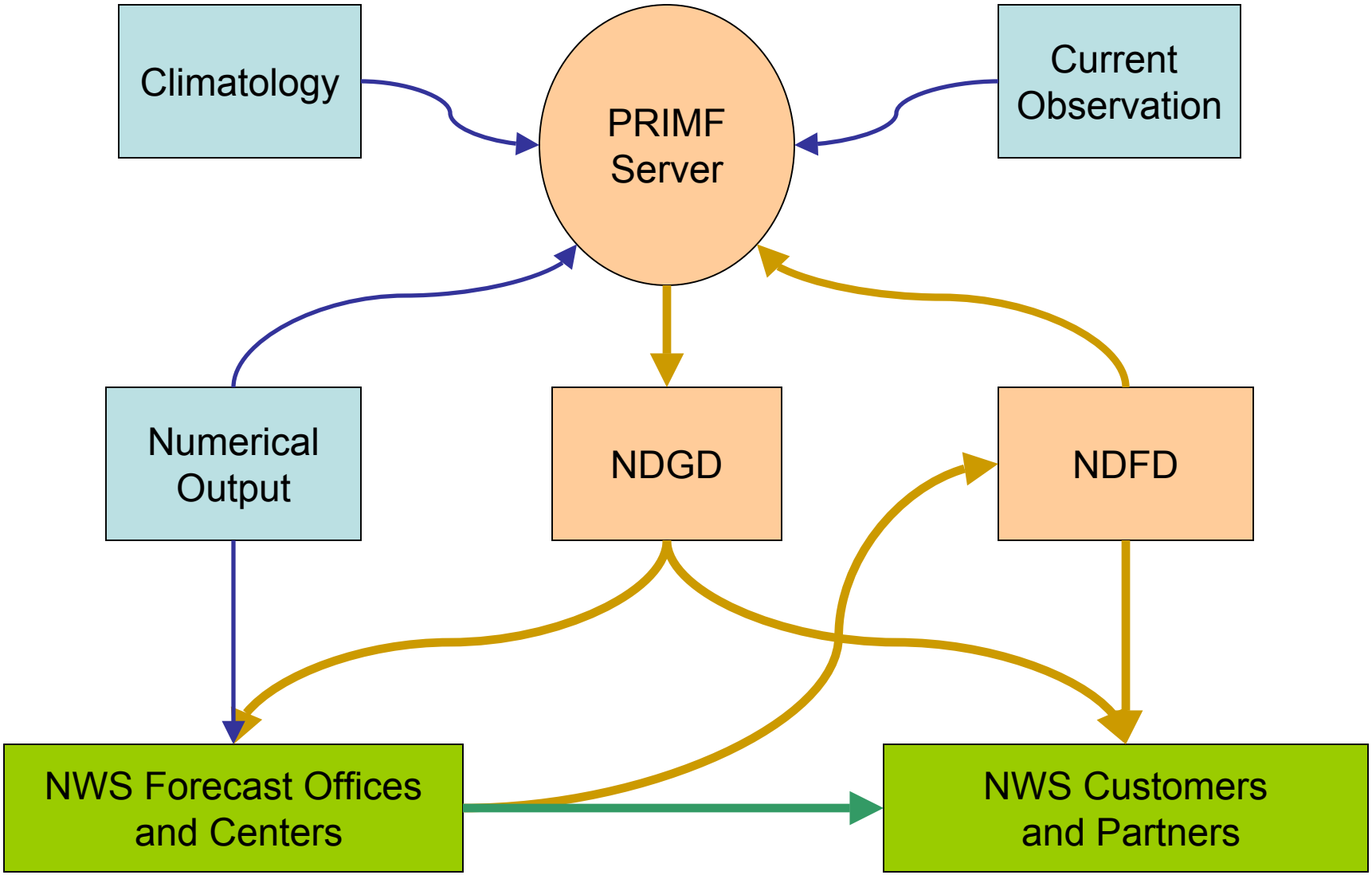
Future of MDL

1. ***Phase out software as an external MDL product line***
2. ***Establish MDL as world leader in the Probabilistic Real-time Interpretation of Models and Forecasts***
3. ***Make MDL interpretative products available in database that provides interoperability with NDFD.***

PRIMF Digital Flow



PRIMF Components

- ***High-resolution MOS and updates to MOS (i.e., LAMP)***
- ***Statistical interpretation of NDFD highlighting forecast uncertainty***
- ***Real-time forecast monitoring and feedback***
- ***Probabilistic coastal hazards***
- ***Verification of NDFD and NDGD***

Call to Action #1: High-resolution MOS

- ***Implement gridded MOS for elements in the NDFD***
- ***Provide MOS ensemble guidance products***

Call to Action #2: NDGD Development

- ***Prototype methods to determine forecast uncertainty by comparing NDFD to:***
  - ***Model ensemble spread***
  - ***Categorical MOS probabilities***
  - ***Station/gridpoint climatology***
- ***Post MDL interpretative products experimentally***

Call to Action #3: Coastal Hazards

- ***Develop and bring probabilistic surge forecasts into operations***
- ***Enhance surge/wave modeling, emphasizing coastal impact***

Call to Action #4
NDFD Verification

- ***Provide verification results for all NDFD elements***
- ***Conduct NDFD verification on a grid per emerging National Verification Plan.***